

chain nodes :

10 12 13

ring nodes :

1 2 3 4 5 6 7 8 9

chain bonds :

4-10 8-12 9-13

ring bonds :

1-2 1-6 2-3 3-4 4-5 5-6 5-7 6-9 7-8 8-9

exact/norm bonds :

1-2 1-6 2-3 3-4 4-5 4-10 5-6 5-7 7-8 8-9 8-12 9-13

exact bonds :

6-9

isolated ring systems :

containing 1 :

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:CLASS

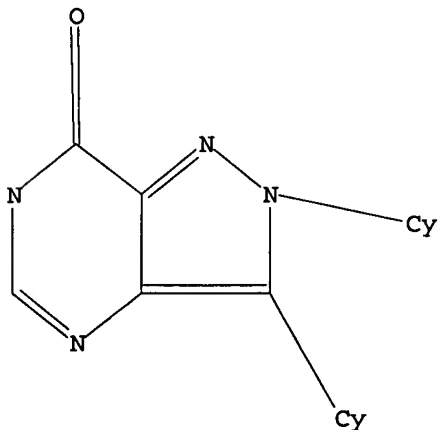
12:Atom 13:Atom

L1 STRUCTURE UPLOADED

=> d

L1 HAS NO ANSWERS

L1 STR



Structure attributes must be viewed using STN Express query preparation.

=> s l1 ful

FULL SEARCH INITIATED 18:21:25 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 5419 TO ITERATE

100.0% PROCESSED 5419 ITERATIONS
SEARCH TIME: 00.00.01

100 ANSWERS

L2 100 SEA SSS FUL L1

=> fil caplus

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

166.94

167.15

FILE 'CAPLUS' ENTERED AT 18:21:28 ON 12 APR 2006

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FILE COVERS 1907 - 12 Apr 2006 VOL 144 ISS 16

FILE LAST UPDATED: 11 Apr 2006 (20060411/ED)

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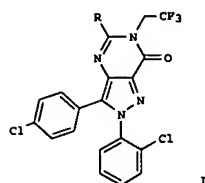
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L3 3 L2

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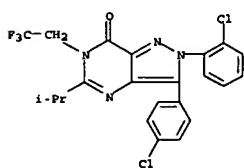
L3 ANSWER 1 OF 3 CAPLUS COPYRIGHT 2006 ACS on STN
 AN 2005:134197 CAPLUS
 DN 144:23032
 TI New bicyclic cannabinoid receptor-1 (CB1-R) antagonists
 AU Carpino, Philip A.; Griffith, David A.; Sakya, Subas; Dow, Robert L.;
 Black, Shawn C.; Hadcock, John R.; Iredale, Philip A.; Scott, Dennis O.;
 Fichtner, Michael W.; Rose, Colin R.; Day, Robert; Dibrino, Joseph;
 Butler, Mary; DeBartolo, Demetria B.; Dutcher, Darrin; Gautreau, Denise;
 Lisano, Jeff S.; O'Connor, Rebecca E.; Sands, Michelle A.;
 Kelly-Sullivan,
 Dawn; Ward, Karen M.
 CS Pfizer Global Research and Development-Groton Laboratories, Groton, CT,
 06340, USA
 SO Bioorganic & Medicinal Chemistry Letters (2006), 16(3), 731-736
 CODEN: BMCLE8; ISSN: 0960-894X
 PB Elsevier B.V.
 DT Journal
 LA English
 GI



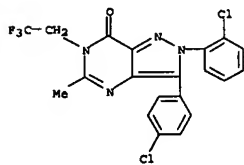
AB A series of conformationally constrained bicyclic deriva. derived from
 SR41716 was prepared and evaluated as hCB1-R antagonists and inverse
 agonists. Optimization of the structure-activity relationships around
 the 2,6-dihydro-pyrazolo[4,3-d]pyrimidin-7-one derivative led to the
 identification of I [R = H, Me] with oral activity in rodent feeding
 models. Replacement of the PP group in I [R = H] with other bicyclic
 groups resulted in a loss of binding affinity.
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L3 ANSWER 1 OF 3 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)

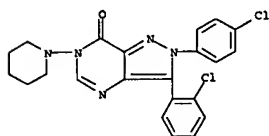
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 CN 7H-Pyrazolo[4,3-d]pyrimidin-7-one, 2-(2-chlorophenyl)-3-(4-chlorophenyl)-2,6-dihydro-5-(1-methylethyl)-6-(2,2,2-trifluoroethyl)- (9CI) (CA INDEX NAME)



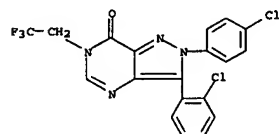
RN 784192-63-8 CAPLUS
 CN 7H-Pyrazolo[4,3-d]pyrimidin-7-one, 2-(2-chlorophenyl)-3-(4-chlorophenyl)-2,6-dihydro-5-methyl-6-(2,2,2-trifluoroethyl)- (9CI) (CA INDEX NAME)



RN 876405-86-6 CAPLUS
 CN 7H-Pyrazolo[4,3-d]pyrimidin-7-one, 3-(2-chlorophenyl)-2-(4-chlorophenyl)-2,6-dihydro-6-(1-piperidinyl)- (9CI) (CA INDEX NAME)

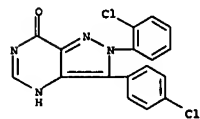


L3 ANSWER 1 OF 3 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)

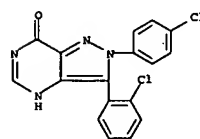


IT 784193-08-49 876405-94-6P
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
 (preparation of pyrazolopyrimidines as cannabinoid receptor-1 (CB1-R) antagonists)

RN 784193-08-4 CAPLUS
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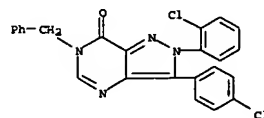
RN 876405-94-6 CAPLUS
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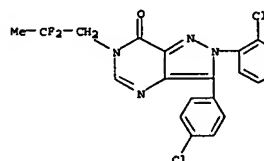
RE.CNT 14 THERE ARE 14 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 1 OF 3 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)

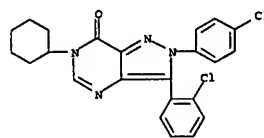
RN 876405-87-7 CAPLUS
 CN 7H-Pyrazolo[4,3-d]pyrimidin-7-one, 2-(2-chlorophenyl)-3-(4-chlorophenyl)-2,6-dihydro-6-(phenylmethyl)- (9CI) (CA INDEX NAME)



RN 876405-88-8 CAPLUS
 CN 7H-Pyrazolo[4,3-d]pyrimidin-7-one, 2-(2-chlorophenyl)-3-(4-chlorophenyl)-6-(2,2-difluoropropyl)-2,6-dihydro- (9CI) (CA INDEX NAME)



RN 876405-89-9 CAPLUS
 CN 7H-Pyrazolo[4,3-d]pyrimidin-7-one, 3-(2-chlorophenyl)-2-(4-chlorophenyl)-6-cyclohexyl-2,6-dihydro- (9CI) (CA INDEX NAME)



RN 876405-90-2 CAPLUS
 CN 7H-Pyrazolo[4,3-d]pyrimidin-7-one, 3-(2-chlorophenyl)-2-(4-chlorophenyl)-2,6-dihydro-6-(2,2,2-trifluoroethyl)- (9CI) (CA INDEX NAME)

L3 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2006 ACS on STN

AN 2004:905619 CAPLUS

DN 141:379939

TI Preparation of pyrazolo[4,3-d]pyrimidin-7-one and pyrazolo[3,4-c]pyridin-7-

one compounds as cannabinoid receptor ligands

IN Carpino, Philip A.; Griffith, David A.

PA Pfizer Inc., USA

SO U.S. Pat. Appl. Publ., 38 pp.

CODEN: USXXCO

DT Patent

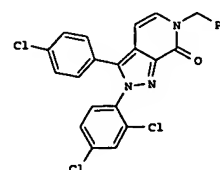
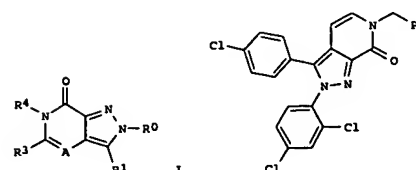
LA English

FAN.CNT 1

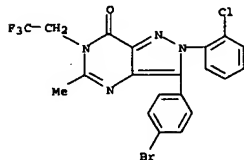
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PI US 2004214838	A1	20041028	US 2004-822988	20040412
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			CA 2004-2523205	20040413
			US 2003-464916P	20030423
			WO 2004-181262	20040413
WO 2004094417	A1	20041104	WO 2004-181262	20040413
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RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
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R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, FI, RO, CY, TR, BG, CZ, EE, HU, PL, SK				
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OS MARPAT 141:379939

GI

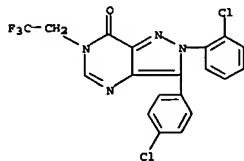


L3 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)
 AB The title compds. 1 [A = N, CR2 (wherein R2 = H, alkyl, haloalkyl, alkoxy); R0, R1 = (un)substituted (hetero)aryl; R3 = H, (un)substituted alkyl, alkoxy; R4 = alkyl, aryl, heteroaryl, etc.] that act as cannabinoid receptor ligands and therefore are useful in the treatment of diseases linked to the mediation of the cannabinoid receptors in animals, were prepared E.g., a 2-step synthesis of II, starting from 5-(4-chlorophenyl)-1-(2,4-dichlorophenyl)-1H-pyrazole-3-carboxylic acid, was given. All the exemplified compds. were tested in the CB-1 receptor binding assay and provided a range of binding activities from 0.09 to 453 nM. The pharmaceutical composition comprising the compound I is claimed.
 IT 784192-71-8P 784192-74-1P 784192-89-8P
 RL: PAC (Pharmacological activity); RCT (Reactant); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent); USES (Uses) (preparation of pyrazolo[4,3-d]pyrimidin-7-one and pyrazolo[3,4-c]pyridin-7-one compds. as cannabinoid receptor ligands)
 RN 784192-71-8 CAPLUS
 CN 7H-Pyrazolo[4,3-d]pyrimidin-7-one, 3-(4-bromophenyl)-2-(2-chlorophenyl)-2,6-dihydro-5-methyl-6-(2,2,2-trifluoroethyl)- (9CI) (CA INDEX NAME)

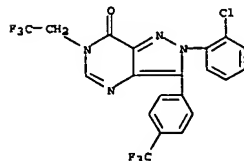


RN 784192-74-1 CAPLUS
 CN 7H-Pyrazolo[4,3-d]pyrimidin-7-one, 3-(4-bromophenyl)-2-(2-chlorophenyl)-2,6-dihydro-5-methyl-6-(2,2,2-trifluoroethyl)- (9CI) (CA INDEX NAME)

L3 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)
 784192-90-1P 784192-91-2P 784192-92-3P
 784192-93-4P 784192-94-5P 784192-95-6P
 784192-96-7P 784192-97-8P 784192-01-7P
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 784192-24-4P 784192-25-5P 784192-26-6P
 RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses) (prepn. of pyrazolo[4,3-d]pyrimidin-7-one and pyrazolo[3,4-c]pyridin-7-one compds. as cannabinoid receptor ligands)
 RN 784192-17-2 CAPLUS
 CN 7H-Pyrazolo[4,3-d]pyrimidin-7-one, 2-(2-chlorophenyl)-3-(4-chlorophenyl)-2,6-dihydro-6-(2,2,2-trifluoroethyl)- (9CI) (CA INDEX NAME)

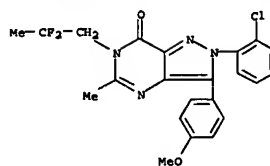


RN 784192-18-3 CAPLUS
 CN 7H-Pyrazolo[4,3-d]pyrimidin-7-one, 2-(2-chlorophenyl)-2,6-dihydro-6-(2,2,2-trifluoroethyl)-3-[4-(trifluoromethyl)phenyl]- (9CI) (CA INDEX NAME)

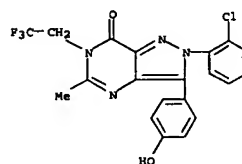


RN 784192-19-4 CAPLUS
 CN 7H-Pyrazolo[4,3-d]pyrimidin-7-one, 2-(2-chlorophenyl)-3-(4-chlorophenyl)-6-cyclohexyl-2,6-dihydro- (9CI) (CA INDEX NAME)

L3 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)

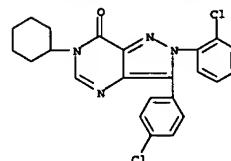


RN 784192-89-8 CAPLUS
 CN 7H-Pyrazolo[4,3-d]pyrimidin-7-one, 2-(2-chlorophenyl)-2,6-dihydro-3-(4-hydroxyphenyl)-5-methyl-6-(2,2,2-trifluoroethyl)- (9CI) (CA INDEX NAME)

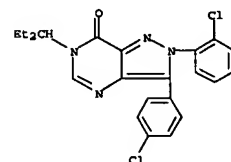


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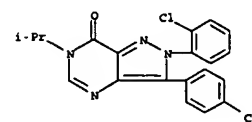
L3 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)



RN 784192-20-7 CAPLUS
 CN 7H-Pyrazolo[4,3-d]pyrimidin-7-one, 2-(2-chlorophenyl)-3-(4-chlorophenyl)-6-(1-ethylpropyl)-2,6-dihydro- (9CI) (CA INDEX NAME)

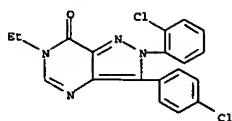


RN 784192-21-8 CAPLUS
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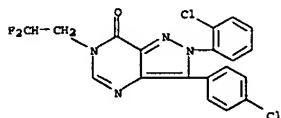


RN 784192-22-9 CAPLUS
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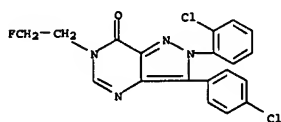
L3 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)



RN 784192-23-0 CAPLUS
 CN 7H-Pyrazolo[4,3-d]pyrimidin-7-one,
 2-(2-chlorophenyl)-3-(4-chlorophenyl)-6-
 (2,2-difluoroethyl)-2,6-dihydro- (9CI) (CA INDEX NAME)

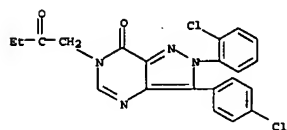


RN 784192-24-1 CAPLUS
 CN 7H-Pyrazolo[4,3-d]pyrimidin-7-one,
 2-(2-chlorophenyl)-3-(4-chlorophenyl)-6-
 (2-fluoroethyl)-2,6-dihydro- (9CI) (CA INDEX NAME)

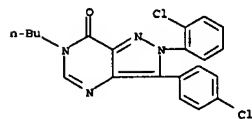


RN 784192-25-2 CAPLUS
 CN 7H-Pyrazolo[4,3-d]pyrimidin-7-one, 2-(2-chlorophenyl)-3-(4-chlorophenyl)-
 2,6-dihydro-6-propyl- (9CI) (CA INDEX NAME)

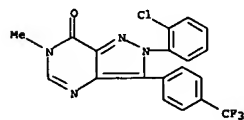
L3 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)



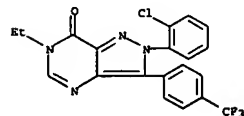
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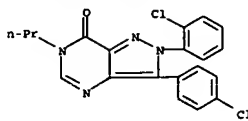
RN 784192-30-9 CAPLUS
 CN 7H-Pyrazolo[4,3-d]pyrimidin-7-one,
 2-(2-chlorophenyl)-2,6-dihydro-6-methyl-
 3-[4-(trifluoromethyl)phenyl]- (9CI) (CA INDEX NAME)



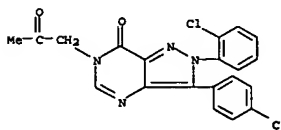
RN 784192-31-0 CAPLUS
 CN 7H-Pyrazolo[4,3-d]pyrimidin-7-one,
 2-(2-chlorophenyl)-6-ethyl-2,6-dihydro-
 3-[4-(trifluoromethyl)phenyl]- (9CI) (CA INDEX NAME)



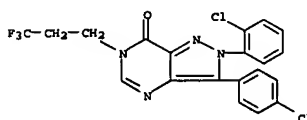
L3 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)



RN 784192-26-3 CAPLUS
 CN 7H-Pyrazolo[4,3-d]pyrimidin-7-one, 2-(2-chlorophenyl)-3-(4-chlorophenyl)-
 2,6-dihydro-6-(2-oxopropyl)- (9CI) (CA INDEX NAME)



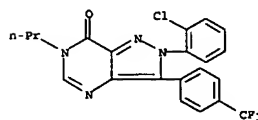
RN 784192-27-4 CAPLUS
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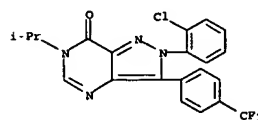
RN 784192-28-5 CAPLUS
 CN 7H-Pyrazolo[4,3-d]pyrimidin-7-one, 2-(2-chlorophenyl)-3-(4-chlorophenyl)-
 2,6-dihydro-6-(2-oxobutyl)- (9CI) (CA INDEX NAME)

L3 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)

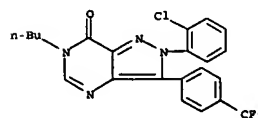
RN 784192-32-1 CAPLUS
 CN 7H-Pyrazolo[4,3-d]pyrimidin-7-one,
 2-(2-chlorophenyl)-2,6-dihydro-6-propyl-
 3-[4-(trifluoromethyl)phenyl]- (9CI) (CA INDEX NAME)



RN 784192-33-2 CAPLUS
 CN 7H-Pyrazolo[4,3-d]pyrimidin-7-one, 2-(2-chlorophenyl)-2,6-dihydro-6-(1-
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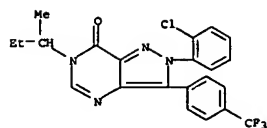


RN 784192-34-3 CAPLUS
 CN 7H-Pyrazolo[4,3-d]pyrimidin-7-one,
 6-butyl-2-(2-chlorophenyl)-2,6-dihydro-
 3-[4-(trifluoromethyl)phenyl]- (9CI) (CA INDEX NAME)

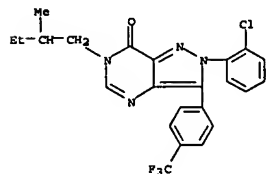


RN 784192-35-4 CAPLUS
 CN 7H-Pyrazolo[4,3-d]pyrimidin-7-one, 2-(2-chlorophenyl)-2,6-dihydro-6-(1-
 methylpropyl)-3-[4-(trifluoromethyl)phenyl]- (9CI) (CA INDEX NAME)

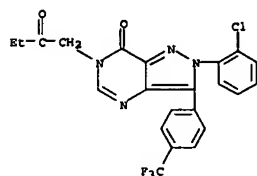
L3 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)



RN 784192-36-5 CAPLUS
 CN 7H-Pyrazolo[4,3-d]pyrimidin-7-one, 2-(2-chlorophenyl)-2,6-dihydro-6-(2-methylbutyl)-3-[4-(trifluoromethyl)phenyl]- (9CI) (CA INDEX NAME)

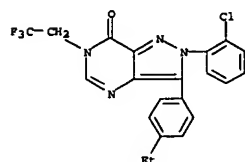


RN 784192-37-6 CAPLUS
 CN 7H-Pyrazolo[4,3-d]pyrimidin-7-one, 2-(2-chlorophenyl)-2,6-dihydro-6-(2-oxobutyl)-3-[4-(trifluoromethyl)phenyl]- (9CI) (CA INDEX NAME)

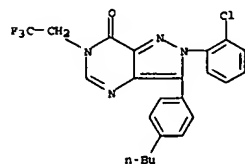


RN 784192-39-8 CAPLUS
 CN 7H-Pyrazolo[4,3-d]pyrimidin-7-one, 2-(2-chlorophenyl)-6-(2,2-difluorobutyl)-2,6-dihydro-3-[4-(trifluoromethyl)phenyl]- (9CI) (CA INDEX NAME)

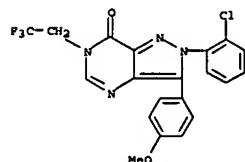
L3 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)



RN 784192-43-4 CAPLUS
 CN 7H-Pyrazolo[4,3-d]pyrimidin-7-one, 3-(4-butylphenyl)-2-(2-chlorophenyl)-2,6-dihydro-6-(2,2,2-trifluoroethyl)- (9CI) (CA INDEX NAME)

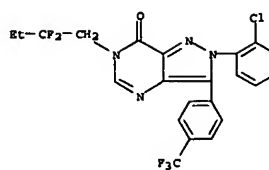


RN 784192-44-5 CAPLUS
 CN 7H-Pyrazolo[4,3-d]pyrimidin-7-one, 2-(2-chlorophenyl)-2,6-dihydro-3-(4-methoxyphenyl)-6-(2,2,2-trifluoroethyl)- (9CI) (CA INDEX NAME)

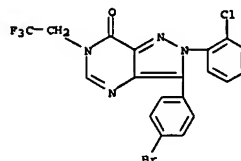


RN 784192-45-6 CAPLUS
 CN 7H-Pyrazolo[4,3-d]pyrimidin-7-one, 3-(2-chlorophenyl)-2-(5-chloro-2-pyridinyl)-2,6-dihydro-6-(2,2,2-trifluoroethyl)- (9CI) (CA INDEX NAME)

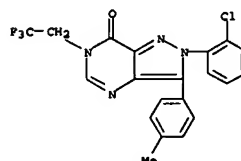
L3 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)



RN 784192-40-1 CAPLUS
 CN 7H-Pyrazolo[4,3-d]pyrimidin-7-one, 3-(4-bromophenyl)-2-(2-chlorophenyl)-2,6-dihydro-6-(2,2,2-trifluoroethyl)- (9CI) (CA INDEX NAME)

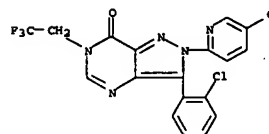


RN 784192-41-2 CAPLUS
 CN 7H-Pyrazolo[4,3-d]pyrimidin-7-one, 2-(2-chlorophenyl)-2,6-dihydro-3-(4-methylphenyl)-6-(2,2,2-trifluoroethyl)- (9CI) (CA INDEX NAME)

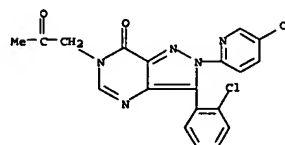


RN 784192-42-3 CAPLUS
 CN 7H-Pyrazolo[4,3-d]pyrimidin-7-one, 2-(2-chlorophenyl)-3-(4-ethylphenyl)-2,6-dihydro-6-(2,2,2-trifluoroethyl)- (9CI) (CA INDEX NAME)

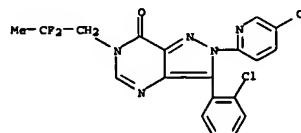
L3 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)



RN 784192-46-7 CAPLUS
 CN 7H-Pyrazolo[4,3-d]pyrimidin-7-one, 3-(2-chlorophenyl)-2-(5-chloro-2-pyridinyl)-2,6-dihydro-6-(2-oxopropyl)- (9CI) (CA INDEX NAME)

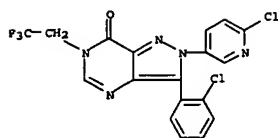


RN 784192-47-8 CAPLUS
 CN 7H-Pyrazolo[4,3-d]pyrimidin-7-one, 3-(2-chlorophenyl)-2-(5-chloro-2-pyridinyl)-6-(2,2-difluoropropyl)-2,6-dihydro- (9CI) (CA INDEX NAME)

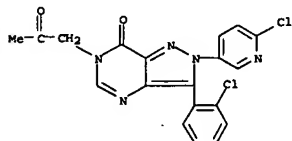


RN 784192-48-9 CAPLUS
 CN 7H-Pyrazolo[4,3-d]pyrimidin-7-one, 3-(2-chlorophenyl)-2-(6-chloro-3-pyridinyl)-2,6-dihydro-6-(2,2,2-trifluoroethyl)- (9CI) (CA INDEX NAME)

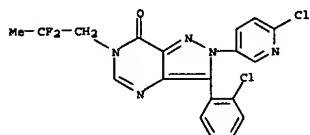
L3 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)



RN 784192-49-0 CAPLUS
CN 7H-Pyrazolo[4,3-d]pyrimidin-7-one, 3-(2-chlorophenyl)-2-(6-chloro-3-pyridinyl)-2,6-dihydro-6-(2-oxopropyl)- (9CI) (CA INDEX NAME)

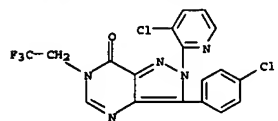


RN 784192-50-3 CAPLUS
CN 7H-Pyrazolo[4,3-d]pyrimidin-7-one, 3-(2-chlorophenyl)-2-(6-chloro-3-pyridinyl)-6-(2,2,2-difluoropropyl)-2,6-dihydro- (9CI) (CA INDEX NAME)

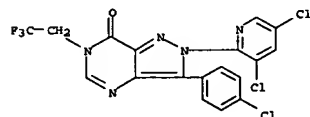


RN 784192-51-4 CAPLUS
CN 7H-Pyrazolo[4,3-d]pyrimidin-7-one, 3-(2-chlorophenyl)-2-(6-chloro-3-pyridinyl)-2,6-dihydro-6-(2,2,2-trifluoroethyl)-2-[6-(trifluoromethyl)-3-pyridinyl]- (9CI) (CA INDEX NAME)

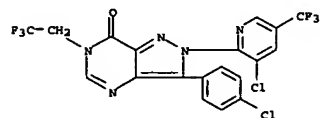
L3 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)



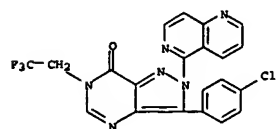
RN 784192-55-8 CAPLUS
CN 7H-Pyrazolo[4,3-d]pyrimidin-7-one, 3-(4-chlorophenyl)-2-(3,5-dichloro-2-pyridinyl)-2,6-dihydro-6-(2,2,2-trifluoroethyl)- (9CI) (CA INDEX NAME)



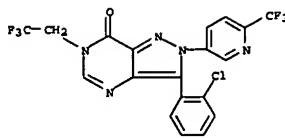
RN 784192-56-9 CAPLUS
CN 7H-Pyrazolo[4,3-d]pyrimidin-7-one, 3-(4-chlorophenyl)-2-[3-chloro-5-(trifluoromethyl)-2-pyridinyl]-2,6-dihydro-6-(2,2,2-trifluoroethyl)- (9CI) (CA INDEX NAME)



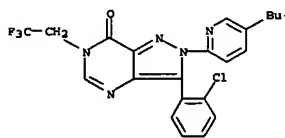
RN 784192-57-0 CAPLUS
CN 7H-Pyrazolo[4,3-d]pyrimidin-7-one, 3-(4-chlorophenyl)-2,6-dihydro-2-(1,6-naphthyridin-5-yl)-6-(2,2,2-trifluoroethyl)- (9CI) (CA INDEX NAME)



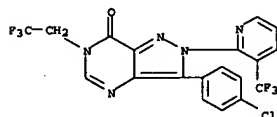
L3 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)



RN 784192-52-5 CAPLUS
CN 7H-Pyrazolo[4,3-d]pyrimidin-7-one, 2-(5-butyl-2-pyridinyl)-3-(2-chlorophenyl)-2,6-dihydro-6-(2,2,2-trifluoroethyl)- (9CI) (CA INDEX NAME)



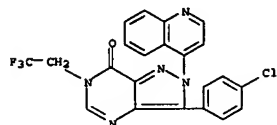
RN 784192-53-6 CAPLUS
CN 7H-Pyrazolo[4,3-d]pyrimidin-7-one, 3-(4-chlorophenyl)-2-(3-chloro-2-pyridinyl)-2,6-dihydro-6-(2,2,2-trifluoroethyl)-2-[3-(trifluoromethyl)-2-pyridinyl]- (9CI) (CA INDEX NAME)



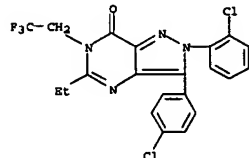
RN 784192-54-7 CAPLUS
CN 7H-Pyrazolo[4,3-d]pyrimidin-7-one, 3-(4-chlorophenyl)-2-(3-chloro-2-pyridinyl)-2,6-dihydro-6-(2,2,2-trifluoroethyl)- (9CI) (CA INDEX NAME)

L3 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)

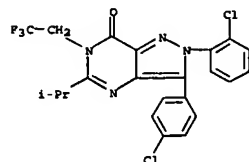
RN 784192-58-1 CAPLUS
CN 7H-Pyrazolo[4,3-d]pyrimidin-7-one, 3-(4-chlorophenyl)-2,6-dihydro-2-(4-quinolinyl)-6-(2,2,2-trifluoroethyl)- (9CI) (CA INDEX NAME)



RN 784192-59-2 CAPLUS
CN 7H-Pyrazolo[4,3-d]pyrimidin-7-one, 2-(2-chlorophenyl)-3-(4-chlorophenyl)-5-ethyl-2,6-dihydro-6-(2,2,2-trifluoroethyl)- (9CI) (CA INDEX NAME)

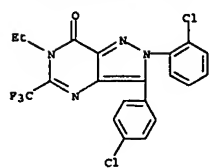


RN 784192-60-5 CAPLUS
CN 7H-Pyrazolo[4,3-d]pyrimidin-7-one, 2-(2-chlorophenyl)-3-(4-chlorophenyl)-2,6-dihydro-5-(1-methylethyl)-6-(2,2,2-trifluoroethyl)- (9CI) (CA INDEX NAME)

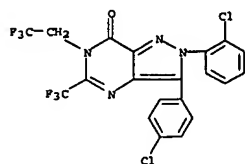


RN 784192-61-6 CAPLUS
CN 7H-Pyrazolo[4,3-d]pyrimidin-7-one, 2-(2-chlorophenyl)-3-(4-chlorophenyl)-4-ethyl-2,6-dihydro-5-(trifluoromethyl)- (9CI) (CA INDEX NAME)

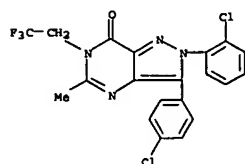
L3 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)



RN 784192-62-7 CAPLUS
 CN 7H-Pyrazolo[4,3-d]pyrimidin-7-one, 2-(2-chlorophenyl)-3-(4-chlorophenyl)-2,6-dihydro-6-(2,2,2-trifluoroethyl)-5-(trifluoromethyl)- (9CI) (CA INDEX NAME)

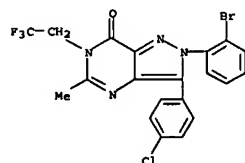


RN 784192-63-8 CAPLUS
 CN 7H-Pyrazolo[4,3-d]pyrimidin-7-one, 2-(2-chlorophenyl)-3-(4-chlorophenyl)-2,6-dihydro-5-methyl-6-(2,2,2-trifluoroethyl)- (9CI) (CA INDEX NAME)

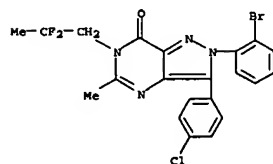


RN 784192-64-9 CAPLUS
 CN 7H-Pyrazolo[4,3-d]pyrimidin-7-one, 2-(2-chlorophenyl)-3-(4-chlorophenyl)-2,6-dihydro-5-methyl-6-(2-oxopropyl)- (9CI) (CA INDEX NAME)

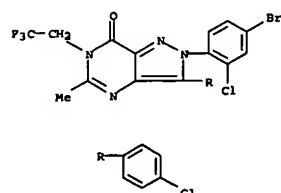
L3 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)
 CN 7H-Pyrazolo[4,3-d]pyrimidin-7-one, 2-(2-bromophenyl)-3-(4-chlorophenyl)-2,6-dihydro-5-methyl-6-(2,2,2-trifluoroethyl)- (9CI) (CA INDEX NAME)



RN 784192-68-3 CAPLUS
 CN 7H-Pyrazolo[4,3-d]pyrimidin-7-one, 2-(2-bromophenyl)-3-(4-chlorophenyl)-2,6-dihydro-5-methyl-6-(2,2,2-trifluoroethyl)- (9CI) (CA INDEX NAME)

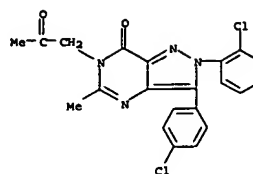


RN 784192-69-4 CAPLUS
 CN 7H-Pyrazolo[4,3-d]pyrimidin-7-one, 2-(4-bromo-2-chlorophenyl)-3-(4-chlorophenyl)-2,6-dihydro-5-methyl-6-(2,2,2-trifluoroethyl)- (9CI) (CA INDEX NAME)

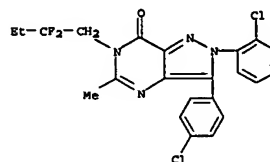


RN 784192-70-7 CAPLUS

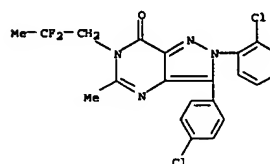
L3 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)



RN 784192-65-0 CAPLUS
 CN 7H-Pyrazolo[4,3-d]pyrimidin-7-one, 2-(2-chlorophenyl)-3-(4-chlorophenyl)-6-(2,2-difluorobutyl)-2,6-dihydro-5-methyl- (9CI) (CA INDEX NAME)

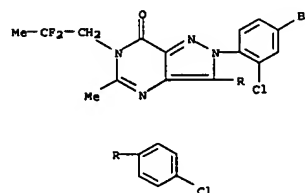


RN 784192-66-1 CAPLUS
 CN 7H-Pyrazolo[4,3-d]pyrimidin-7-one, 2-(2-chlorophenyl)-3-(4-chlorophenyl)-6-(2,2-difluoropropyl)-2,6-dihydro-5-methyl- (9CI) (CA INDEX NAME)

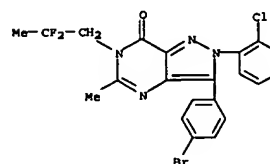


RN 784192-67-2 CAPLUS

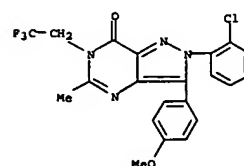
L3 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)
 CN 7H-Pyrazolo[4,3-d]pyrimidin-7-one, 2-(4-bromo-2-chlorophenyl)-3-(4-chlorophenyl)-6-(2,2-difluoropropyl)-2,6-dihydro-5-methyl- (9CI) (CA INDEX NAME)



RN 784192-72-9 CAPLUS
 CN 7H-Pyrazolo[4,3-d]pyrimidin-7-one, 2-(4-bromo-2-chlorophenyl)-3-(4-chlorophenyl)-6-(2,2-difluoropropyl)-2,6-dihydro-5-methyl- (9CI) (CA INDEX NAME)

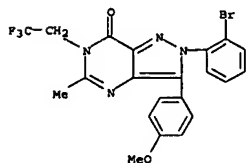


RN 784192-73-0 CAPLUS
 CN 7H-Pyrazolo[4,3-d]pyrimidin-7-one, 2-(2-chlorophenyl)-2,6-dihydro-3-(4-methoxyphenyl)-5-methyl-6-(2,2,2-trifluoroethyl)- (9CI) (CA INDEX NAME)

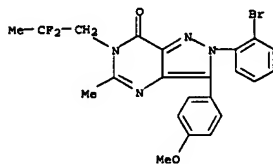


RN 784192-75-2 CAPLUS

L3 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)
 CN 7H-Pyrazolo[4,3-d]pyrimidin-7-one, 2-(2-bromophenyl)-2,6-dihydro-3-(4-methoxyphenyl)-5-methyl-6-(2,2,2-trifluoroethyl)- (9CI) (CA INDEX NAME)

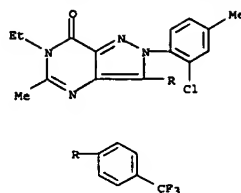


RN 784192-76-3 CAPLUS
 CN 7H-Pyrazolo[4,3-d]pyrimidin-7-one, 2-(2-bromophenyl)-6-(2,2-difluoropropyl)-2,6-dihydro-3-(4-methoxyphenyl)-5-methyl- (9CI) (CA INDEX NAME)

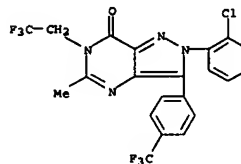


RN 784192-77-4 CAPLUS
 CN 7H-Pyrazolo[4,3-d]pyrimidin-7-one, 2-(2-chloro-4-methylphenyl)-6-ethyl-2,6-dihydro-5-methyl-3-[4-(trifluoromethyl)phenyl]- (9CI) (CA INDEX NAME)

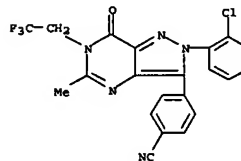
L3 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)



RN 784192-78-5 CAPLUS
 CN 7H-Pyrazolo[4,3-d]pyrimidin-7-one, 2-(2-chlorophenyl)-2,6-dihydro-5-methyl-6-(2,2,2-trifluoroethyl)-3-[4-(trifluoromethyl)phenyl]- (9CI) (CA INDEX NAME)

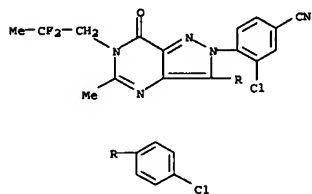


RN 784192-79-6 CAPLUS
 CN Benzonitrile, 4-[2-(2-chlorophenyl)-6,7-dihydro-5-methyl-7-oxo-6-(2,2,2-trifluoroethyl)-2H-pyrazolo[4,3-d]pyrimidin-2-yl]- (9CI) (CA INDEX NAME)

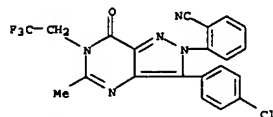


L3 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)

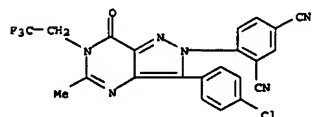
RN 784192-80-9 CAPLUS
 CN Benzonitrile, 3-chloro-4-[3-(4-chlorophenyl)-6-(2,2-difluoropropyl)-6,7-dihydro-5-methyl-7-oxo-2H-pyrazolo[4,3-d]pyrimidin-2-yl]- (9CI) (CA INDEX NAME)



RN 784192-81-0 CAPLUS
 CN Benzonitrile, 2-[3-(4-chlorophenyl)-6,7-dihydro-5-methyl-7-oxo-6-(2,2,2-trifluoroethyl)-2H-pyrazolo[4,3-d]pyrimidin-2-yl]- (9CI) (CA INDEX NAME)

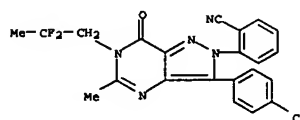


RN 784192-82-1 CAPLUS
 CN 1,3-Benzenedicarbonitrile, 4-[3-(4-chlorophenyl)-6,7-dihydro-5-methyl-7-oxo-6-(2,2,2-trifluoroethyl)-2H-pyrazolo[4,3-d]pyrimidin-2-yl]- (9CI) (CA INDEX NAME)

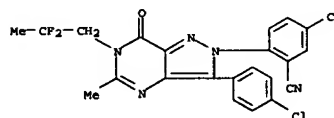


RN 784192-83-2 CAPLUS
 CN Benzonitrile, 2-[3-(4-chlorophenyl)-6-(2,2-difluoropropyl)-6,7-dihydro-5-methyl-7-oxo-2H-pyrazolo[4,3-d]pyrimidin-2-yl]- (9CI) (CA INDEX NAME)

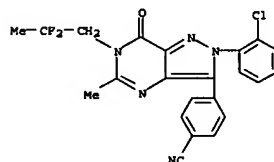
L3 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)



RN 784192-84-3 CAPLUS
 CN 1,3-Benzenedicarbonitrile, 4-[3-(4-chlorophenyl)-6-(2,2-difluoropropyl)-6,7-dihydro-5-methyl-7-oxo-2H-pyrazolo[4,3-d]pyrimidin-2-yl]- (9CI) (CA INDEX NAME)

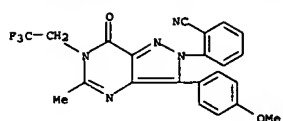


RN 784192-85-4 CAPLUS
 CN Benzonitrile, 4-[2-(2-chlorophenyl)-6-(2,2-difluoropropyl)-6,7-dihydro-5-methyl-7-oxo-2H-pyrazolo[4,3-d]pyrimidin-3-yl]- (9CI) (CA INDEX NAME)

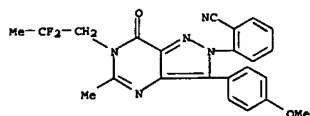


RN 784192-86-5 CAPLUS
 CN Benzonitrile, 2-[6,7-dihydro-3-(4-methoxyphenyl)-5-methyl-7-oxo-6-(2,2,2-trifluoroethyl)-2H-pyrazolo[4,3-d]pyrimidin-2-yl]- (9CI) (CA INDEX NAME)

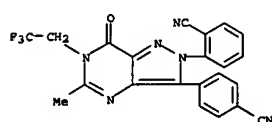
L3 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)



RN 784192-87-6 CAPLUS
 CN Benzonitrile,
 2-[6-(2,2-difluoropropyl)-6,7-dihydro-3-(4-methoxyphenyl)-5-methyl-7-oxo-2H-pyrazolo[4,3-d]pyrimidin-2-yl]- (9CI) (CA INDEX NAME)

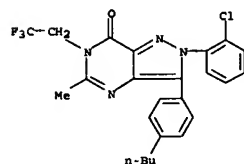


RN 784192-88-7 CAPLUS
 CN Benzonitrile, 2-[3-(4-cyanophenyl)-6,7-dihydro-5-methyl-7-oxo-6-(2,2,2-trifluoroethyl)-2H-pyrazolo[4,3-d]pyrimidin-2-yl]- (9CI) (CA INDEX NAME)

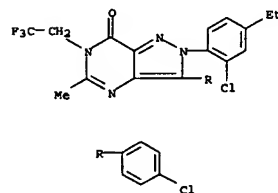


RN 784192-90-1 CAPLUS
 CN 7H-Pyrazolo[4,3-d]pyrimidin-7-one, 2-(2-chlorophenyl)-3-(4-ethoxyphenyl)-2,6-dihydro-5-methyl-6-(2,2,2-trifluoroethyl)- (9CI) (CA INDEX NAME)

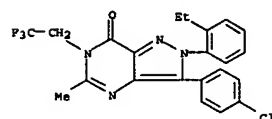
L3 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)



RN 784192-94-5 CAPLUS
 CN 7H-Pyrazolo[4,3-d]pyrimidin-7-one, 2-(2-chloro-4-ethylphenyl)-3-(4-chlorophenyl)-2,6-dihydro-5-methyl-6-(2,2,2-trifluoroethyl)- (9CI) (CA INDEX NAME)

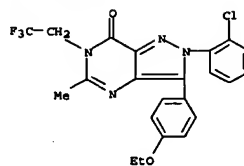


RN 784192-95-6 CAPLUS
 CN 7H-Pyrazolo[4,3-d]pyrimidin-7-one, 3-(4-chlorophenyl)-2-(2-ethylphenyl)-2,6-dihydro-5-methyl-6-(2,2,2-trifluoroethyl)- (9CI) (CA INDEX NAME)

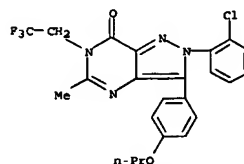


RN 784192-96-7 CAPLUS
 CN 7H-Pyrazolo[4,3-d]pyrimidin-7-one, 2-(2-chlorophenyl)-3-(4-ethylphenyl)-2,6-dihydro-5-methyl-6-(2,2,2-trifluoroethyl)- (9CI) (CA INDEX NAME)

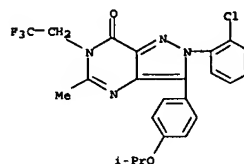
L3 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)



RN 784192-91-2 CAPLUS
 CN 7H-Pyrazolo[4,3-d]pyrimidin-7-one, 2-(2-chlorophenyl)-2,6-dihydro-5-methyl-3-(4-propoxyphenyl)-6-(2,2,2-trifluoroethyl)- (9CI) (CA INDEX NAME)

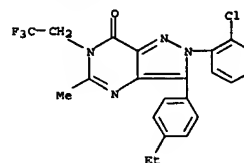


RN 784192-92-3 CAPLUS
 CN 7H-Pyrazolo[4,3-d]pyrimidin-7-one, 2-(2-chlorophenyl)-2,6-dihydro-5-methyl-3-(4-(1-methylethoxy)phenyl)-6-(2,2,2-trifluoroethyl)- (9CI) (CA INDEX NAME)

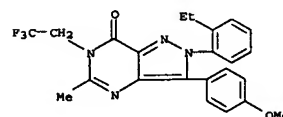


RN 784192-93-4 CAPLUS
 CN 7H-Pyrazolo[4,3-d]pyrimidin-7-one, 3-(4-butylphenyl)-2-(2-chlorophenyl)-2,6-dihydro-5-methyl-6-(2,2,2-trifluoroethyl)- (9CI) (CA INDEX NAME)

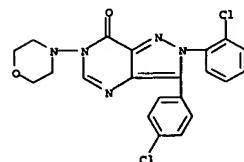
L3 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)



RN 784192-97-8 CAPLUS
 CN 7H-Pyrazolo[4,3-d]pyrimidin-7-one, 2-(2-ethylphenyl)-2,6-dihydro-3-(4-methoxyphenyl)-5-methyl-6-(2,2,2-trifluoroethyl)- (9CI) (CA INDEX NAME)

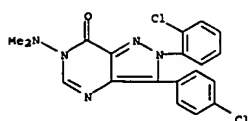


RN 784193-01-7 CAPLUS
 CN 7H-Pyrazolo[4,3-d]pyrimidin-7-one, 2-(2-chlorophenyl)-3-(4-chlorophenyl)-2,6-dihydro-6-(4-morpholinyl)- (9CI) (CA INDEX NAME)

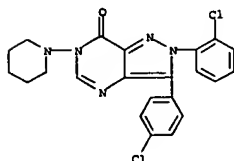


RN 784193-02-8 CAPLUS
 CN 7H-Pyrazolo[4,3-d]pyrimidin-7-one, 2-(2-chlorophenyl)-3-(4-chlorophenyl)-6-(dimethylamino)-2,6-dihydro- (9CI) (CA INDEX NAME)

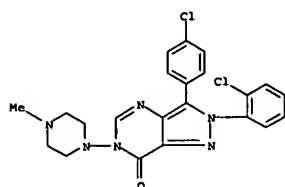
L3 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)



RN 784193-03-9 CAPLUS
 CN 7H-Pyrazolo[4,3-d]pyrimidin-7-one, 2-(2-chlorophenyl)-3-(4-chlorophenyl)-2,6-dihydro-6-(1-piperidinyl)- (9CI) (CA INDEX NAME)

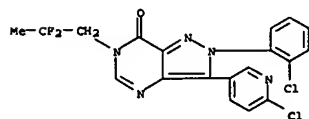


RN 784193-04-0 CAPLUS
 CN 7H-Pyrazolo[4,3-d]pyrimidin-7-one, 2-(2-chlorophenyl)-3-(4-chlorophenyl)-2,6-dihydro-6-(4-methyl-1-piperazinyl)- (9CI) (CA INDEX NAME)

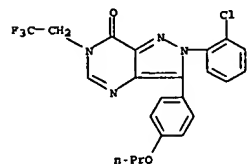


RN 784193-21-1 CAPLUS
 CN 7H-Pyrazolo[4,3-d]pyrimidin-7-one, 2-(2-chlorophenyl)-3-(6-chloro-3-pyridinyl)-2,6-dihydro-6-(2,2,2-trifluoroethyl)- (9CI) (CA INDEX NAME)

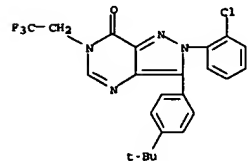
L3 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)



RN 784193-25-5 CAPLUS
 CN 7H-Pyrazolo[4,3-d]pyrimidin-7-one, 2-(2-chlorophenyl)-2,6-dihydro-3-[4-(propoxyphenyl)-6-(2,2,2-trifluoroethyl)]- (9CI) (CA INDEX NAME)

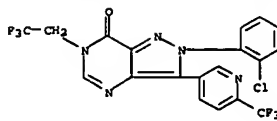


RN 784193-26-6 CAPLUS
 CN 7H-Pyrazolo[4,3-d]pyrimidin-7-one, 2-(2-chlorophenyl)-3-(4-(1,1-dimethylethyl)phenyl)-2,6-dihydro-6-(2,2,2-trifluoroethyl)- (9CI) (CA INDEX NAME)

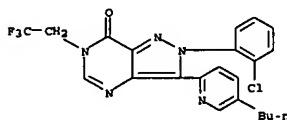


IT 784193-08-4P 784193-09-5P 784193-10-8P
 784193-11-9P
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
 (preparation of pyrazolo[4,3-d]pyrimidin-7-one and pyrazolo[3,4-c]pyridin-7-one compds. as cannabinoid receptor ligands)
 RN 784193-08-4 CAPLUS
 CN 7H-Pyrazolo[4,3-d]pyrimidin-7-one, 2-(2-chlorophenyl)-3-(4-chlorophenyl)-2,4-dihydro- (9CI) (CA INDEX NAME)

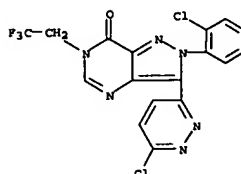
L3 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)



RN 784193-22-2 CAPLUS
 CN 7H-Pyrazolo[4,3-d]pyrimidin-7-one, 3-(5-butyl-2-pyridinyl)-2-(2-chlorophenyl)-2,6-dihydro-6-(2,2,2-trifluoroethyl)- (9CI) (CA INDEX NAME)

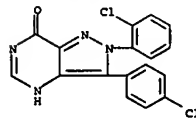


RN 784193-23-3 CAPLUS
 CN 7H-Pyrazolo[4,3-d]pyrimidin-7-one, 2-(2-chlorophenyl)-3-(6-chloro-3-pyridinyl)-2,6-dihydro-6-(2,2,2-trifluoroethyl)- (9CI) (CA INDEX NAME)

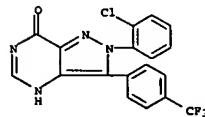


RN 784193-24-4 CAPLUS
 CN 7H-Pyrazolo[4,3-d]pyrimidin-7-one, 2-(2-chlorophenyl)-3-(6-chloro-3-pyridinyl)-6-(2,2-difluoropropyl)-2,6-dihydro- (9CI) (CA INDEX NAME)

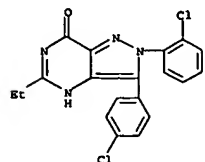
L3 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)



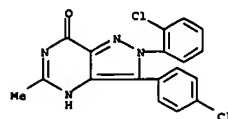
RN 784193-09-5 CAPLUS
 CN 7H-Pyrazolo[4,3-d]pyrimidin-7-one, 2-(2-chlorophenyl)-2,4-dihydro-3-[4-(trifluoromethyl)phenyl]- (9CI) (CA INDEX NAME)



RN 784193-10-8 CAPLUS
 CN 7H-Pyrazolo[4,3-d]pyrimidin-7-one, 2-(2-chlorophenyl)-3-(4-chlorophenyl)-5-ethyl-2,4-dihydro- (9CI) (CA INDEX NAME)



RN 784193-11-9 CAPLUS
 CN 7H-Pyrazolo[4,3-d]pyrimidin-7-one, 2-(2-chlorophenyl)-3-(4-chlorophenyl)-2,4-dihydro-5-methyl- (9CI) (CA INDEX NAME)



L3 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)

L3 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2006 ACS on STN

AN 2004:905618 CAPLUS

DN 141:379938

TI Preparation of pyrazolo[4,3-d]pyrimidine and pyrazolo[3,4-c]pyridine compounds as cannabinoid receptor ligands

IN Griffith, David A.; Hammond, Marlys

PA Pfizer Inc., USA

SO U.S. Pat. Appl. Publ., 76 pp.

CODEN: USXXCO

DT Patent

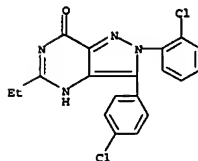
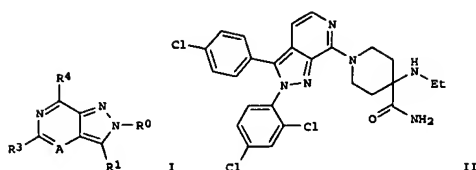
LA English

FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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			US 2004-540048P	P 20040129
CA 2520842	AA	20041111	CA 2004-2520842	20040420
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OS MARPAT 141:379938				
GI				

L3 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)

L3 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)



AB The title compds. I [A = N, CR2 (wherein R2 = H, alkyl, haloalkyl, alkoxy); R0, R1 = (un)substituted (hetero)aryl; R3 = H, alkyl, haloalkyl, alkoxy; R4 = (un)substituted pyrrolidino, piperidino, piperazino, etc.] that act as cannabinoid receptor ligands and therefore are useful in the treatment of diseases linked to the mediation of the cannabinoid receptors

in animals, were prepared Thus, reacting

7-chloro-3-(4-chlorophenyl)-2-(2,4-dichlorophenyl)-2H-pyrazolo[3,4-c]pyridine with 4-ethylaminopiperidine-4-carboxylic acid amide (prepn. given) afforded 784 II. All the exemplified compds. (over 190) were tested in the CB-1 receptor binding assay and showed a range of binding activities from 0.2 nM to 1.6 μM. The pharmaceutical composition comprising the compound I is claimed.

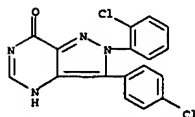
IT 784193-08-4P 784193-10-8P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(preparation of pyrazolo[4,3-d]pyrimidine and pyrazolo[3,4-c]pyridine compds. for treating disorders modulated by a cannabinoid receptor antagonist)

RN 784193-08-4 CAPLUS

CN 7H-Pyrazolo[4,3-d]pyrimidin-7-one, 2-(2-chlorophenyl)-3-(4-chlorophenyl)-2,4-dihydro- (9CI) (CA INDEX NAME)



RN 784193-10-8 CAPLUS

CN 7H-Pyrazolo[4,3-d]pyrimidin-7-one, 2-(2-chlorophenyl)-3-(4-chlorophenyl)-5-ethyl-2,4-dihydro- (9CI) (CA INDEX NAME)